

Title (en)  
ISOLATION VALVE

Title (de)  
ISOLIERVENTIL

Title (fr)  
VANNE D'ISOLATION

Publication  
**EP 2760567 B1 20211201 (EN)**

Application  
**EP 12836694 A 20120926**

Priority  
• AU 2011904046 A 20110930  
• US 2012057198 W 20120926

Abstract (en)  
[origin: WO2013049109A1] Systems and methods for isolating a filtration module are provided. The systems and methods may utilize a removable end cap comprising an isolation valve. In certain systems and methods, the isolation valve may be configured to selectively allow fluid communication between a port and a filtrate passageway of one filtration module in a plurality of filtration modules.

IPC 8 full level  
**B01D 35/30** (2006.01)

CPC (source: EP KR US)  
**B01D 61/10** (2013.01 - KR); **B01D 63/02** (2013.01 - EP KR US); **B01D 65/00** (2013.01 - EP US); **B01D 65/003** (2013.01 - KR);  
**B01D 65/10** (2013.01 - EP KR US); **B01D 2201/16** (2013.01 - KR); **B01D 2313/18** (2013.01 - EP KR US); **B01D 2313/21** (2013.01 - EP KR US)

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**WO 2013049109 A1 20130404**; AU 2013200808 A1 20130418; AU 2013200808 B2 20141106; CA 2850522 A1 20130404;  
CA 2850522 C 20210316; CN 103958034 A 20140730; CN 103958034 B 20170322; EP 2760567 A1 20140806; EP 2760567 A4 20151014;  
EP 2760567 B1 20211201; EP 3473320 A1 20190424; HU E058060 T2 20220728; JP 2014528354 A 20141027; KR 102177864 B1 20201113;  
KR 20140097140 A 20140806; KR 20190115106 A 20191010; SG 11201401091S A 20140428; US 2014231349 A1 20140821;  
US 2018272285 A1 20180927; US 9925499 B2 20180327

DOCDB simple family (application)  
**US 2012057198 W 20120926**; AU 2013200808 A 20120926; CA 2850522 A 20120926; CN 201280058473 A 20120926;  
EP 12836694 A 20120926; EP 18198042 A 20120926; HU E12836694 A 20120926; JP 2014533663 A 20120926; KR 20147011466 A 20120926;  
KR 20197028616 A 20120926; SG 11201401091S A 20120926; US 201214347261 A 20120926; US 201815901547 A 20180221